

SECTION 12

GLASS AND GLAZING

12-01 SCOPE: The work covered by this section of the specifications consists in furnishing all plant, labor, equipment, appliances, and materials not furnished by the Government, and in performing all operations in connection with the installation of glass, complete, in strict accordance with this section of the specifications and the applicable drawings, and subject to the terms and conditions of the contract.

12-02 APPLICABLE SPECIFICATIONS: The following Federal Specifications form a part of this specification;

DD-G-451a	Glass; Flat (for) Glazing Purposes
TT-P-781a	Putty and Elastic Compound; (for)
	Metal-Sash-Glazing

12-03 MATERIALS:

a. Flat Glass: The following kinds of flat glass shall conform to the requirements of Federal Specification DD-G-451a, of types as noted.

(1) Clear sheet glass, except where specified otherwise, shall be type II, A quality, nominal 7/32 inch thick.

(2) Obscure glass shall be type IIIc, glazing quality, rolled figured sheet, and shall be not less than 3/16 inch thick, with one surface smooth.

b. Putty for sash glazing shall conform to the requirements of Federal Specifications TT-P-781a for metal sash, and shall be of a type most suitable for the purpose.

12-04 SAMPLES of all glass and mirror, size 10" x 12" shall be submitted to the Contracting Officer for inspection and approval prior to delivery of material, represented by samples, to site.

12-05 GENERAL: The sizes of glass indicated on drawings are approximate only, and the actual sizes required shall be determined by measuring the frames to receive the glass. All glass shall be factory-labeled on each pane and labels shall not be removed until final approval. The types of glass to be installed at various locations shall be as follows:

a. Clear sheet glass shall be used throughout, except as indicated otherwise on the drawings or as specified here below.

b. Obscure glass shall be used for glazing the windows in toilet rooms.

12-06 INSTALLATION: Sashes shall be fixed so that they cannot be moved until putty or glazing compound has set. Glass in metal frames shall be secured with copper-covered spring wire glazing clips. Obscure glass shall be set with the smooth surface to the exterior and with the surface design on one direction.

12-07 ACCEPTANCE: Glass shall be protected against damage. After inspection, labels and paint smears and spots shall be removed from the glass and the glass shall be washed clean. Damaged or broken glass shall be removed and replaced before acceptance, at no expense to the Government.